

CONVAIR
A Division of General Dynamics Corporation
(San Diego)

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PRE-DESIGN

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MODEL 22 AIRPLANE

DATE: 28 January 1959

ELECTRICAL HARNESS CLAMP & GROUND STUD INSTALLATION

In order to satisfy the requirements of DIB 29.002 & DIB 21.002, "Equipment Mounting" and "Thermal Isolation" respectively, the method described herein shall be complied with for attachment of Electrical Harnesses.

1. Metallic Clamps, in insulated areas, where there is no airflow (under trim) may be attached directly over soundproofing to structure.
2. Metallic Clamps, in insulated areas, where there is airflow, must have a non metallic spacer at least .06 thick under clamp and may be attached directly over soundproofing to structure.
3. Non metallic clamps, in all areas where permitted, may be attached directly to structure ~~or~~ or over soundproofing directly to structure.
4. Electrical ground studs in areas where they protrude through soundproofing material must have a hole of sufficient diameter in soundproofing to permit metal to metal contact of ground stud hardware and structure. In addition to metal to metal contact if stud is under interior trim it must have a cap similar to CSD P/N 91-50001-~~001~~, to prevent moisture drippage on interior trim.

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